G R S IX 5]

Previous references

1917. File No 81-11

Serial Nos 1, 2

Later references

GENERAL AND REVENUE SECRETARIAT.

Serial Nos 1, 2

Part B for Aug 14

SUBJECT

A revised estimate for Rs 11930/- for draining the marsh below the W. Karahalla Tank, Mysore City

No 1338-89 dy 28 8 14 To the Chief Engr

Sanctions the revised estimate

Sanction dtd 17 11 17

W D 66—GPB—50,000—24 7 16

1917-18

GENERAL AND REVENUE SECRETARIAT

(Ml)

NOTES

File No 81-17

FILE HEADING

Draining the marsh below the Kukkarhalli Tank, Mysore city

From

The Chairman, City Improvement Trust Bd, Mysore

No. 8640 Dated 13th Augt 1917 Received 15 8 17

Diary No 407	Enclos 1 Report, 1 Rly 21 Spare Copies, 1 Set 12 Blue prints in duplicate	Serial No 1

BRIEF ABSTRACT OF LETTER

Solicits sanction to a revised estimate for Rs 11930 for - in lieu of that ~~sanct~~ for Rs 9170 sanctioned in No 9265-7 & 21.6.1916 as the excess is stated due partly to higher tender rates accepted & partly to more work found necessary - Ml 24-15-102

NOTES AND ORDERS

For orders with a draft G O sanctioning

MM 18/8/17

Rec'd

MK 21 8 17

276 23-8-17

2nd member & Dewan -

22 8 17

Issue

Issue 25 8 17 do

1129 24 8 17

NOTES - First Sheet

WD 1232—GPB—20 000—18-11 1c

WP 1918—GPB—30 000—1 12-16—5.

G. R. S III 2]

General and Revenue Secretariat | Ist File No 87 of 1917

Serial No	
2	To the Chief Engr of Comb, No 1338-9 8/28 8 17 — Sanctions the revised estimate received with St 1 above.

NOTE—Contn sheet

15 AUG 1917

Mysore Public Works Department,
Central Office,
Dated Bangalore, 13th August 1917

No. 8640
Ex 15 Report, Resolution, Estimate, 2 Plans, 2 Index Books, 2 Duplicate

From

S. Cadambi, Esq.,
Chief Engineer for Irrigation,
B a n g a l o r e.

To

B. Ramaswamiah, Esq., B.A., B.L.,
Offg Secretary to Government, Revenue Department,
B a n g a l o r e.

Sir,

Adverting to Government Proceedings No.9265-67/M1 24-15- dated the 21st June 1916, according sanction to an estimate amounting to Rs 9,170 for draining the marsh below the Kukkerhalli tank in the Mysore City, I have the honour to forward herewith, for favour of sanction, a revised estimate amounting to Rs 11,930 for the work.

2. The net excess over the original sanction is Rs (11,930-9,170) 2,760. This is partly due to higher rates tendered for the work and partly to more work being found necessary when the water was drained. The Chairman's report explains all points clearly.

I have the honour to be,
S i r,
Your most obedient servant,

R V Sundaram
for Chief Engineer for Irrigation

H.R.R.

28 JUN 1917

Proceedings of the Tenth Ordinary Meeting of the Board of Trustees for the Improvement of the City of Mysore, held at the Chairman's Office (Rangacharlu Memorial Hall) on Monday the 30th. April 1917 and Monday the 7th. May 1917 at 8 A.M.

Present (on both the days)

Mr. T.G.Lukshmana Rao, L.C E.,

C H A I R M A N.

Trustees

Present (on both the days)	Absent (on the the days)
G.Narayana Rao, B.A., B.L , Vice-President	1 Deputy Sanitary Commissioner
A.K.Pani, D.P.H., Health Officer,	2. Mr.R.H.Campbell, I.C.S., C I E ,
M.Venkatakrishniah,	
Mahamud Jaffer Sahib,	
M.C.Ranga Iyengar, B.A., Rao Bahadur,	
M.Anantharajaiah.	

on the 7th. May 1917.

XIX. Revised Estimate for Rs.11,856/- for draining the marsh below Kukkarhalli tank in lieu of the estimate for Rs 9,170/- sanctioned for this work in Government Order No.9205-71/Ml.24-15-102 dated the 21st June 1916

Resolved that the estimate be approved and submitted to Government for sanction

Sd/- T Lukshmana Rao,
Chairman

"C O P Y"

T Lukshmana Rao
C H A I R M A N

SECRETARY'S OFFICE
REGD NO
28 JUN 1917
MYSORE

B

Report on the Revised Estimate for Reclaiming the swampy ground below Kukkarhalli Tank.

Reference:- Government Order No.9265-7/ Ml.24-15-102 dated the 21st. June 1916 sanctioning the Estimate for Rs.9,170/- for the above work.

After the receipt of the sanctioned estimate, tenders were called for and the rates tendered for earth work were higher than those provided in the sanctioned estimate. Hence the necessity for revision.

During revision of estimate some disurepancies vere found in levels. So, fresh sections had to be taken and quantities calculated In the original estimate there was provesion for filling the pit E But as the University authorities are going to convert this into a swimming pond, the provesion has been left out in the revised estimate

In the old estimate jelly drains had been provided for to drain the marsh But it was subsequently thought that as there is a large amount of percolation water, jelly drains might not work effectively and might get choked up soon It is therefore now proposed to construct two open drains with revetted sides and flooring, one parallel to the toe of the Kukkarhalli Tank Bund to collect all the

the percolation water and the other to lead off all the collected water. This has been approved by the Chief Engineer vide his inspection note dated the 24th. March 1917.

After these drains are built, if it is found that these drains are insufficie t to drain the whole percolated water, one or more revetted open drains will be proposed to be built. For the present the estimate provides for only 2 drains as described above and are considered to be sufficient.

Lump sum provision of Rs 500/- has been made under unforseen items. We may have to deal with percolation water from the bathing ponds, later on.

With regard to the rates, all except for rough stone wotk are as per tender rates For rough atone work a rate of Re 1-14-0 per cubic yard has been provided, for as stones have to come from five to six miles

As the work is in full progress, early sanction of this revised estimate is solicited

Sd/-H R Venkata subba Rao
Assistanat Engineer

" C O P Y "

CHAIRMAN

— Mysore City Improvement —
— Trust Board —

Estimate for reclaiming the swampy ground below Kukkarahalli Tank at Mysore

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Amended Estimate

Estimate for Improvement of Trunk Road

Estimate of the probable cost of reclaiming the low ground below the Kanakalla Tank at Bangalore

Details of work	No.	Dimensions				Contents			
Earth work cutting									
C S No. 1 to 2	1	75	1305 + 55 / 2	×	902 93	82818	00		
do 2 to 3	1	75	902 93 + 1060 62 / 2	×		73633	88		
do 3 to 4	1	4	1060 62 + 2017 56 / 2	×		6156	36		
do 4 to 5	1	15	2017 56 + 2226 29 / 2	×		31828	87		
do 5 to 6	1	12	2226 29 + 865 31 / 2	×		18549	60		
do 6 to 7	1	50	865 31 + 455 66 / 2	×		33024	20		
do 7 to 8	1	50	455 66 + 378 05 / 2	×		20842	75		
do 8 to 9	1	50	378 05 + 180 85 / 2	×		13972	50		
do 9 to 10	1	50	180 85 + 332 11 / 2	×		13824	00		
do 10 to 11	1	50	332 10 + 342 73 / 2	×		16870	75		
do 11 to 12	1	50	342 73 + 296 04 / 2	×		15969	00		
do 12 to 13	1	50	296 04 + 140 98 / 2	×		10925	50		
do 13 to 14	1	50	140 98 + 850 63 / 2	×		24790	25		
do 14 to 15	1	50	850 63 + 100 85 / 2	×		23787	00		
do 15 to 16	1	50	100 85 + 495 80 / 2	×		14916	25		
do 16 to 17	1	50	495 80 + 2662 85 / 2	×		78466	25		
Centre and Tee channel	1	1530	85 + 4 + 3 / 2	×		98682	00		
Total in Cft.						503561			
						5110584	lbs	18928	
Earth work to fill up the low portion pulled until average level of 4 furlongs									
C S No. 1 to 2	1	75	113 13 + 72 72 / 2	×		6969	37		
do 2 to 3	1	75	72 72 + 5 60 / 2	×		2937	00		
Carried over						9906	37		

									9906 37	
C S No.	3	to	4	1	4	5 60 + 0 00 / 2			11 20	
——do——	5	to	6	1	12	0 00 + 1 98 / 2			11 88	
——do——	6	to	7	1	50	1 98 + 5 95 / 2			198 25	
——do——	7	to	8	1	50	5 95 + 137 24 / 2			3582 25	
——do——	8	to	9	1	50	137 24 + 167 23 / 2			7614 25	
——do——	9	to	10	1	50	167 23 + 283 25 / 2			11262 50	
——do——	10	to	11	1	50	283 25 + 288 63 / 2			14297 00	
——do——	11	to	12	1	50	288 63 + 573 25 / 2			21547 00	
——do——	12	to	13	1	50	573 25 + 838 32 / 2			35289 25	
——do——	13	to	14	1	50	838 32 + 680 67 / 2			37974 75	
——do——	14	to	15	1	50	680 67 + 697 49 / 2			34454 00	
——do——	15	to	16	1	50	697 47 + 439 50 / 2			28424 75	
——do——	16	to	17	1	50	439 50 + 0 00 / 2			10987 50	
									1498 75	
Filling Pits	A			As per Section					14598 00	
	D			1	120	120	3		43200 00	
	C			1	200	40	5		40000 00	
	M			1	200	40	3		24000 00	
Total amt Cft									468548 75	17 55
									468697 50	4968
Surplus earth for settlement & Cartage										
——do——				Cyds	18928	— 16984 —			1944 Cyds	1944
Constructing drain with rough stone including filling Packing —										
Centre and Toe Channel Bd				1	1530	5½ + 4	1½		16901	
Sides				2	1530	1¾	3		16065 —	
Total amt Cft									32966 Cyds	999
Removing and reconstructing the above Cft of Batting Ghat				3	Lump sum Rupees.					300/
Removal of weeds and grass on the Bd				—	do		—			100/
Unforeseen expenses				—	do		—			500/

Abstract

Items of work	Per	Quantity	Rate	Cost
Earth work Embankment	Lap	~~10,582~~ ~~Laps~~	3.	~~3,534.00~~ ~~3,534~~
Earth for banking and filling up the low portion pits with an average lead of ½ furlongs	Lap	~~17,935~~ ~~1,793~~	4	~~4,484.39~~ ~~4,484~~
Carting surplus earth for settlement	Lap	1944	3	364
Rough stone revetment and soiling floorings for the drain including Jelly Packing	Lap	999	1 14	1,873
Removing and reconstructing the stone steps of bathing and washing Ponds	Lumpsum		Rupees	300
Removal of weeds and grass on the bed	—	sq.	—	100
Constructing a Culvert Cistern and laying 12 pipes across the Canal as per Est. B		Rupees		358
Unforeseen expenses	Lumpsum		Rupees	500
Total Rupees				~~11,964~~ ~~11,960~~
Contingencies at 5 percent				566
Grand Total Rupees				11930 ~~11,955~~

S.K. 16/11/17

Executive Engineer

Chairman

11/8/17

Mysore Sanitary Improvement Trust Board

Estimate of the probable cost of reclaiming the low lying ground below Kukkarahally Tank at Mysore

Estimate B

Details of work	No	Dimensions			Contents		
Constructing Sluice culvert and laying 12 pipes across the Bund (as executed)							
Earth work excavation sundry work							
Bund	1	26	15	8	3120	c'	
——— do ———	1	26	6	4½	702	"	
Rear side	1	47	8	8½→2	1974	"	
——— do ———	1	30	6	4	720	"	
Lowering the culvert drain	1	200	2	3½	300	"	
For sluice Culvert	1	14	14	8½	1666	"	
Total in c/f					8482	c/f	314
Carting and laying 12" Pipes ———							
——— do ———	1	37			37	R/ft	37
with Mortar Concrete ———							
For the bed of Pipe	1	37	3	½	56	c'	
For half the sluice of Pipe	1	37	(1½)×7	½	22	"	
Foundation of Wall	2	9¼	2⅞	1½	73	"	
——— do ———	2	4	2⅞	1½	32	"	
Bed of Culvert	1	4	4	1	16	"	
Total in c/f					199	c/f	199
Burnt Brick in Mortar ———							
Basement of culvert	2	8½	2¼	1½	48	"	
——— do ———	2	4	2¼	1½	23	"	
Superstructure	2	7¾	1⅞	4	116	"	

Brought Forward 197

Superstructure		2	4	1 7/8	4	60	
——— do	—	2	6 1/4	1 1/8	3	42	
——— do	—	2	4	1 1/8	3	27	
——— do	—	2	1 1/8	2/3	1 1/4	2	
To tal						318	
Deduct							
Rec grating slab		1	4	1 7/8	4	30	
——— do	—	1	4	1 1/8	1	5	
To tal deduction						35	
Balance Brund Brick Masonry						283	Cft 283
4 1/2 thick Brund stone slab covering setting on arch Masonry							
Grating slab		6	6	1 3/8	.	50	
——— do	—	1	6	1 1/8	.	7	
Bed		1	4	4	.	16	
To tal						73	Sft 73
4 1/2" thick Brund stone slab two coat Dressing & set on arch Masonry for grating with cement							
Grating slab		2	6 2/3	1 1/4	.	17	
——— do	—	2	4	1 1/4	.	10	
To tal						27	Sft 27
Sunk Masonry plastering							
Eastern inside		1	16	7		112	
outside		3	7 3/4	1	.	23	
Plinth		1	19 1/2	3/4	.	15	
To tal						150	

Total Brought Forward					150		
' ' ' ' of ___	1	4	5	"	20		
Balance ww 6 f f					130	Sqs	1/130
with mortar plastering finishing Cement					61		
___ do ___	3	6 3/4	3	"	56		
Facing	2	2/2	3/2	"	18		
___ do ___	2	2 3/4	1 1/4	"	7		
___ do ___	2	1 1/4	2/3	"	2		
___ do ___	1	6 1/4	2/6	"	14		
Total ww 2 f f					97	Sqs	97
Rough stone hewing and Reconstructing							
Slope	1	16	1 1/3	9 1/3	224		
Soffit and Rear	1	15	4 1/2	4	240		
Facing Rear	1	4	1 1/3	7 1/4	44		
Sides Rear	2	9	1 1/3	7 1/4 + 6 / 2	179		
Total					714		
Reduced	1	6 1/2	1 1/2	7	68		
Balance ww C f f					649	Sqs	22
Opening out the old Waste ways and lowering the Channel	Lump sum Rupees						2/-
Supply of 12" old Cement Pipes	11				11	Nos	11
Supply of 12 New Stone ware pipes	7				7	Nos	7

Abstract B

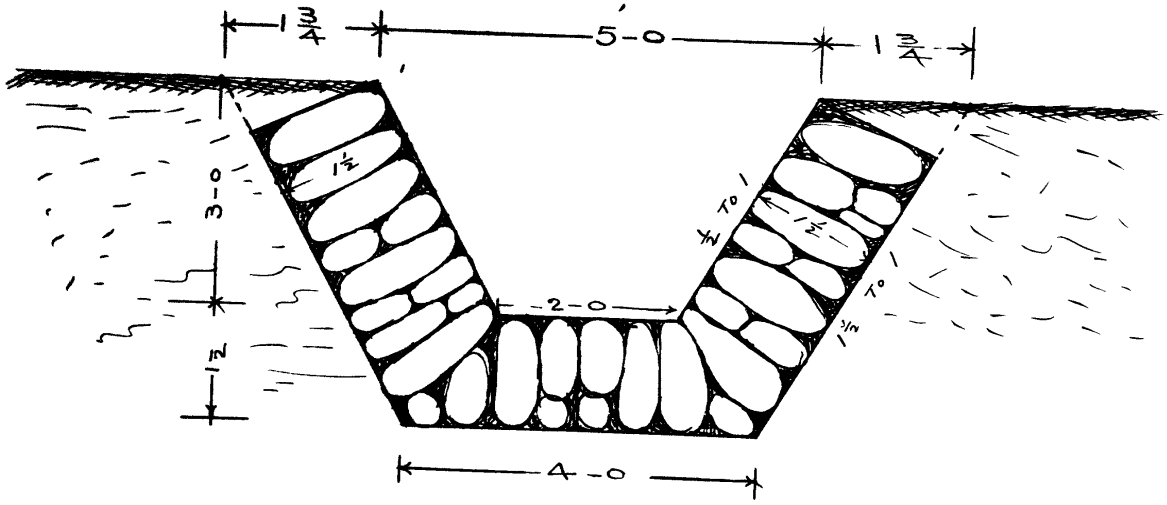
Items of work	Per	Quantity	Rate	Cost
Earth work excavation slue by coal	Cyd	314	. 6	118
Carting and laying 12 stone ware pipes	Rft	37	" 4 .	9
Sunk Mortar Covered	Cft	199	. 3 6	44
Burnd Brick in Sunk Mortar	Cft	283	3 6	62
4½ thick Burnd stone slab including setting in sunk Mortar	Sft	73	. 5	23
4½ Burnd stone slab two line drawn and set in sunk Mortar & pointing with cement — Coping slab	Sft	27	8	14
Sunk Mortar Plastering	Sqr	1 30	3 . .	4
— — do. Rendering Cement	Sqr	.97	3 4	3
Rough stone removing & reconstructing opening and the Brick work and lowering the channel	Rd	24	1	24
	Lump sum		Rs	2
Cost of 12 do Cement pipes	Each	11	3 1	34
Cost of 12" New stone ware pipes	Each	7	3 1	21
To tal Rupees				358

Examined

Checked

21/6/17

Sketch Showing the Section of
Rough Stone Revetment Drain
Proposed to be constructed at Yuktarahalli Mars Ground



Chairman

Manpore Estate.

Comparative statement showing the differ
Reclaiming the swampy ground - below Kuchha

No	Items of work	Per	As per sanctioned Estimate Rate	Quantity	Cost
	Constructing sub soil drain				
1	Earth work excavation or Earthing	Cuy	2	22347	27
2	Earth work for barking & filling up to the low portion pits with an average lead of 6 furlongs	Cuy	3	15990	299
3	Surplus earth barking and spreading to level with an average lead of 4 furlongs	Cuy	3	6357	119
4	Constructing rough stone jelly drain	Cuy	12	1404	105
5	Turfing on the top of drain	Syd	8	126	6
6	Removing & reconstructing stone steps of bathing and washing ponds	Lump sum	Rupees		30
7	Removal of weeds and grass on the bed	—	Do	—	10
8	Rough stone revetment & soorgum of Coping for the drain including jelly Packing	Cuy			
9	Providing a pipe culvert on the lower bund (as per estimate B in the remarks)	Lump sum	Rs		25
10	Contingencies Expenses	—	Do	—	—
	No Load				874
	Contingencies at 5 per cent				42
	Grand Total Rupees				917

Improvement Trust Board

me between the sanctioned and the Revised estimate of
Chally Tank at Jaipore

As per Revised Estimate			Difference		Remarks
Rate	Quantity	Cost	More	Less	
3	~~18824~~ ~~3550~~	~~3550~~ 3514	737	-	Due to increase of rate
4	~~17763~~ ~~4339~~	4339	1341	-	Due to increase of rate & quantity
3	1944	364	-	828	
			-	1053	Open drain with revetted sides have been now proposed instead of Jelly drain
				63	Turfing so omitted as it is unnecessary with open drain
		300			
		100			
4	999	1873	1873		See remarks on rough stone jelly drain
		358	108		As per Actual execution
		500	500		
		~~11364~~ ~~4498~~	~~4557~~ ~~4498~~	1944	
		566	143		
		~~11930~~ ~~4730~~	~~4704~~ ~~4730~~	1944	Net Excess Rupees ~~2688~~ 2760

Executive Engineer

Chairman

21/6/17

G R S VI-71]

SUBJECT Draining the Marsh below the Kukkerahalli tank in the Mysore City

Diary No of letter replied to 4 ov4

General and Revenue Secretariat

(IV)

, the 191

Date of issue 24.9.17

Signed by Mr S. Narasimhaiyangar

May this be

i Printed?

ii treated as a standing order?

iii published in the Gazette English part?

iv translated?

v placed at the disposal of the press?

vi published in the Gazette Kannada part?

W

Govt Section

File No 81-17

Serial No

Proceedings of the Government of His Highness the Maharaja of Mysore

Read—

letter No. 8640 dt. 12th August from the Chief Engineer of Mysore soliciting sanction to a revised Estimate for Rs 11,930 for draining the Marsh below the Kukkerahalli tank in the Mysore City (item 9 in the responsibility sheet appended to G.O. No. 2051-7 dt 23-9 16) in lieu of Govt 10008-14

Order Thereon — No

the one sanctioned for Rs. 9170 in G.O. No 9265-7 dt 21.6.1916

Mg. 24-15-102

Order thereon. No. 1338-9 dt 28.8.17

mk 8-17-2

Sanction is accorded to the revised estimate for Rs 11 930

28-8-17

Dy Secy to Govt

To the Chief Engineer & Secy returning the sanctioned estimate & plans

" Comptroller, Myore/Coorg

18/8/17

List of enclosures

Copied by

Examined by